

Projects at the Water, Energy and Environment Center

Project	Donation institution	Status
Minimizing risk of hazard by using nano technology for water disinfection	USAID	Ongoing
Managed Aquifer Recharge using Treated Wastewater in Different Geological Settings of MENA countries	USAID	Ongoing
Mitigating Environmental Risk of Waste water reuse in Agriculture	USAID	Ongoing
Pollutants of emerging concern originating from reclaimed wastewater: plant uptake, translocation and transformation – PEctake	USAID	Ongoing
Hydrogeological and hydrochemical modeling of density-driven flow in the Jordan Valley	USAID	Ongoing
Development and Optimization of Modified Hollow Fiber Membranes with Surface Modifying Macromolecules for Industrial Desalination by Membrane Distillation	Spanish Ministry of higher education	Ongoing
Autonomous membrane distillation units driven by solar energy using novel hydrophobic/hydrophilic spiral wound membrane modules for desalination of sea	(SRTD) and Spanish Cultural Bureau	Ongoing
Water Use Efficiency for Improving Water Productivity in the Jordan Valley/Jordan	Europe	Ongoing
Decision support system for the management of Zarqa River	Europe	Ongoing
Capacity building in water and renewable energy sectors	UNESCO	Ongoing
Sustainable Water Management in Developing countries (SWINDON)	DAAD	Ongoing
CNRD, Natural resources development	Europe	Ongoing
Enquiry based learning EBL	Europe	Ongoing
IWRM Integrated Water Resource Management (Masters program)	DAAD	Ongoing
Developing a bio-zeolite filter for treatment of surfactants in grey water	TWAS	Ongoing



Role of fungi in treatment of water-polluted by surfactants.	SRF	Ongoing
Treatment of grey water by zeolite.	SRF	Ongoing
Detection, identification and quantification of Giardia and Cryptosporidium in Yarmouk River and king Abdullah Canal	SRF	Ongoing
Studying the effects of using treated wastewater in agriculture in the area from King Talal dam to the Jordan Valley	Shoman Organization	Ongoing